

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Sanjay Bhanot and Kenneth W. Dobie

For: Modulation of diacylglycerol acyltransferase 2 Expression

BOX SEQUENCE

Assistant Commissioner for Patents
Washington DC 20231

00746 U.S. PTO
10/643801
08/18/03


PATENT APPLICATION TRANSMITTAL LETTER

Transmitted herewith for filing, please find the following:

- The specification of the above-referenced patent application;
- An **un-executed** Declaration or Oath and Power of Attorney;
- Statement to Support Filing and Submission of DNA/Amino Acid Sequences in Accordance with 37 CFR §§ 1.821 through 1.825;
- Sequence listing in computer readable form in accordance with 37 C.F.R. § 1.821(e); and
- An Information Disclosure Statement with references.

The filing fee has been calculated as shown below:

For:	No. Filed	No. Extra	Rate	Fee
BASE FEE				\$750.00
Total Claims	57 - 20 =	37	X \$18=	\$666
Indep. Claims	3 - 3 =	0	x\$84=	\$0
TOTAL				\$ 1416.00

The Commissioner is hereby authorized to charge the following fees to Deposit Account No. 500252:

- the amount of \$1416.00 for the above listed fees;
- payment of the following fees associated with this communication or credit any overpayment;
- any additional filing fees required under 37 CFR 1.16 including fees for presentation of extra claims; and
- any additional patent application processing fees under 37 CFR 1.17 and under 37 CFR 1.20 (d).

Triplicate copies of this transmittal are enclosed.

Date: August 18, 2003

Laurel Spear Bernstein
 Laurel Spear Bernstein
 Registration No. 37,280
 Isis Pharmaceuticals, Inc.

Please address all correspondence to:

Mary E. Bak
 Howson and Howson
 Spring House Corporate Center
 P.O. Box 457
 Spring House, Pennsylvania 19477
 Telephone: (215) 540-9200
 Facsimile: (215) 540-5818

Customer number

36441